USSN 10/042,237 Art Unit 2644

## Amendments to Specification

Please replaced paragraph [0037] with the following amended paragraph:

- [0037] Now the terms in the mixing matrix can be vectors. We further impose the condition that H have the following form:

$$\mathbf{H} = \begin{bmatrix} H_{0,0} & 1 \\ H_{1,0} & 0 \end{bmatrix} -$$

Please replaced paragraph [0038] with the following amended paragraph:

-- [0038] With H defined in this way, it is now possible to connect the terms in the preceding equations with the parameters available in the echo canceller layout shown in Figure 1. Let

 $S_0$  = echo source signal =  $R_{IN}$  = u[n]  $S_1$  = doub — edouble-talk signal  $H_{0,0}$  = echo path  $H_{1,0}$  = LMS filter coefficients =  $\hat{\mathbf{w}}[n]$